

Title (en)  
STOCK OIL COMPOSITION FOR CARBONACEOUS MATERIAL FOR NEGATIVE ELECTRODES OF LITHIUM-ION SECONDARY BATTERIES

Title (de)  
BASISÖLZUSAMMENSETZUNG FÜR KOHLENSTOFFHALTIGES MATERIAL FÜR NEGATIVE ELEKTRODEN VON LITHIUM-IONEN-SEKUNDÄRBATTERIE

Title (fr)  
COMPOSITION D'HUILE DE BASE POUR MATÉRIAU CARBONÉ D'ÉLECTRODES NÉGATIVES DE BATTERIES RECHARGEABLES LITHIUM-ION

Publication  
**EP 2590247 B1 20190612 (EN)**

Application  
**EP 11800920 A 20110629**

Priority  
• JP 2010150166 A 20100630  
• JP 2011064962 W 20110629

Abstract (en)  
[origin: EP2590247A1] Provided is a stock oil composition for a carbonaceous material for a negative electrode of a lithium-ion secondary battery which composition is useful for achieving excellent high-speed charge and discharge characteristics. The stock oil composition for a carbonaceous material for a negative electrode of a lithium-ion secondary battery uses a bottom oil of residue fluid catalytic cracking apparatus as a raw material. The stock oil composition comprises, of a saturated component, an aromatic component, a resin component and an asphaltene component detectable by development of the stock oil composition using thin-layer chromatography, the saturated component ranging from 30 to 50% by weight and the aromatic component ranging from 50 to 70% by weight; and has an average molecular weight of from 400 to 600.

IPC 8 full level  
**B02C 23/00** (2006.01); **C01B 32/20** (2017.01); **H01M 4/587** (2010.01); **H01M 10/0525** (2010.01)

CPC (source: EP KR US)  
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DOCDB simple family (publication)  
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